

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E88864

Participation : CTR

Employer : Vulcan Inc.

Status : Affected

Worksite :

Survey Type : Online

Street : 505 5th Ave S Suite 900

Response Rate : 59%

Jurisdiction : City of Seattle

Survey Date : 11/21/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 65.5%

Drive Alone Rate : 34.5%

One-Way VMT per employee : 5.4

Average One-Way distance home to work : 14.3

Employees and Survey Response Information

Reported Total Employees at Worksite: 450

Surveys Distributed : 427

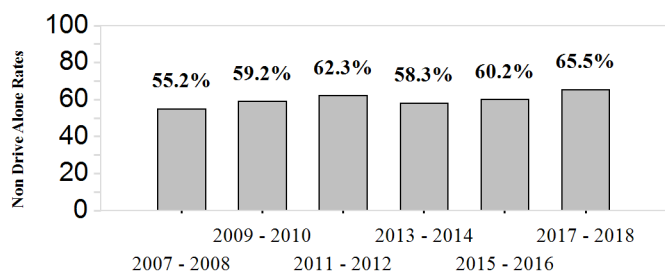
Surveys Returned : 253

Surveys Returned by CTR Affected* Employees : 237

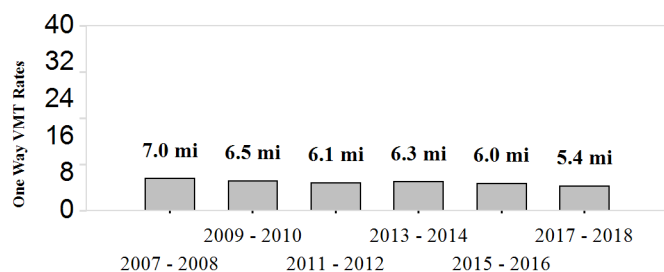
Total Estimated CTR Affected Employees at Worksite : 400

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

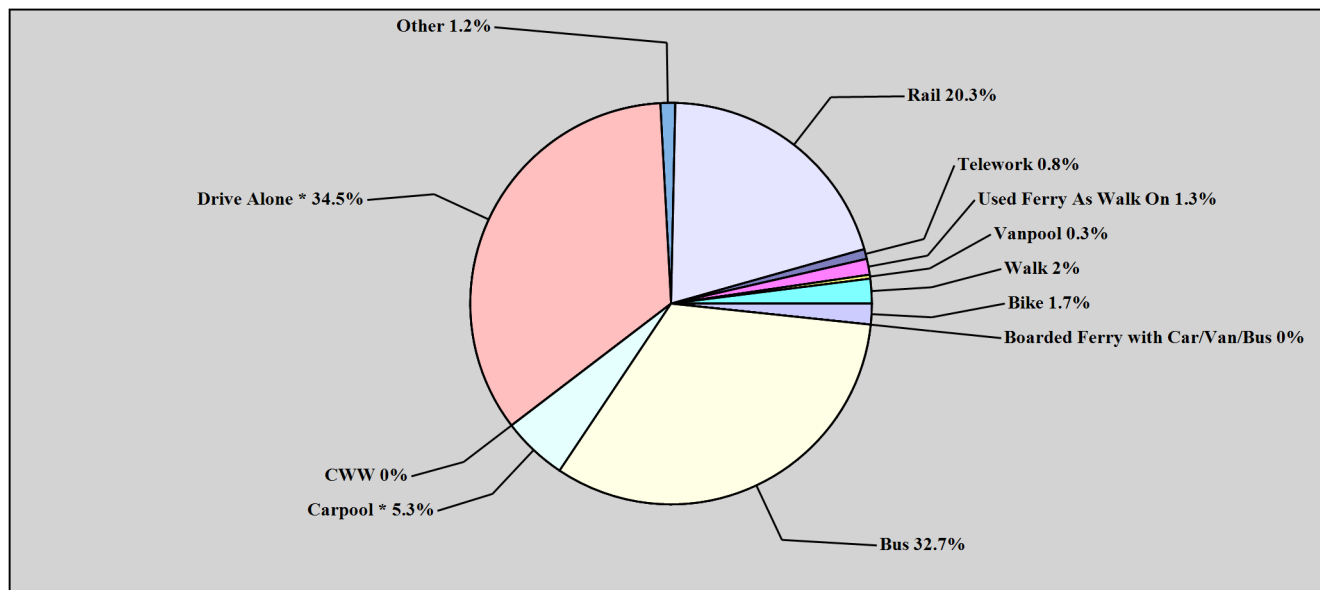
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	55.2%	57.1%	442	586	11.5	7.0	6.9
2009 - 2010	59.2%	59.6%	324	447	8.8	6.5	6.3
2011 - 2012	62.3%	64.3%	295	411	8.1	6.1	5.7
2013 - 2014	58.3%	59.0%	323	403	7.9	6.3	6.3
2015 - 2016	60.2%	60.7%	357	469	9.2	6.0	5.9
2017 - 2018	65.5%	66.9%	302	536	10.5	5.4	5.3
Target	80.0%				Target:	N/A	
% Point Change Target:	24.8				% Change Target:	N/A	
% Point Change from Baseline:	10.3				% Change from Baseline:	-22.9%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



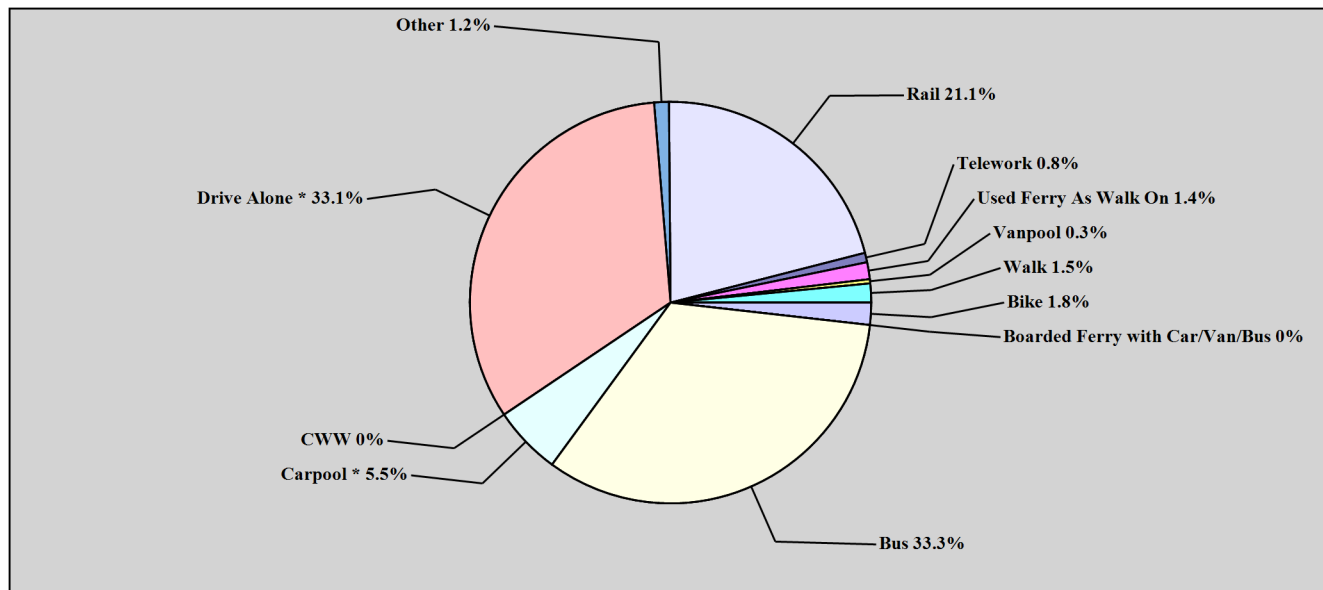
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	434	34.5%	39.8%	109	43.1%	52.2%
Carpool *	66	5.3%	5.1%	26	10.3%	9.0%
Vanpool	4	0.3%	0.4%	1	0.4%	0.7%
Bus	411	32.7%	32.1%	97	38.3%	38.4%
Rail	255	20.3%	13.7%	62	24.5%	17.3%
Bike	21	1.7%	3.0%	7	2.8%	4.5%
Walk	25	2.0%	2.3%	7	2.8%	2.4%
Telework	10	0.8%	1.1%	9	3.6%	4.8%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.4%	0	0.0%	0.3%
Used Ferry As Walk On	16	1.3%	1.3%	4	1.6%	1.4%
Other	15	1.2%	0.8%	5	2.0%	1.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	390	33.1%	39.3%	99	41.8%	50.9%
Carpool *	65	5.5%	5.4%	25	10.5%	9.5%
Vanpool	4	0.3%	0.4%	1	0.4%	0.7%
Bus	392	33.3%	31.7%	93	39.2%	37.7%
Rail	249	21.1%	14.1%	60	25.3%	17.2%
Bike	21	1.8%	3.1%	7	3.0%	4.8%
Walk	18	1.5%	2.5%	6	2.5%	2.6%
Telework	9	0.8%	0.9%	8	3.4%	4.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.4%	0	0.0%	0.4%
Used Ferry As Walk On	16	1.4%	1.3%	4	1.7%	1.5%
Other	14	1.2%	0.8%	4	1.7%	1.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	68	27%	253	100%
1 Days	7	3%	185	73%
2 Days	10	4%	178	70%
3 Days	13	5%	168	66%
4 Days	22	9%	155	61%
5 Days	130	51%	133	53%
6 or More Days	3	1%	3	1%

Count by Occupancy of Carpools and Vanpools

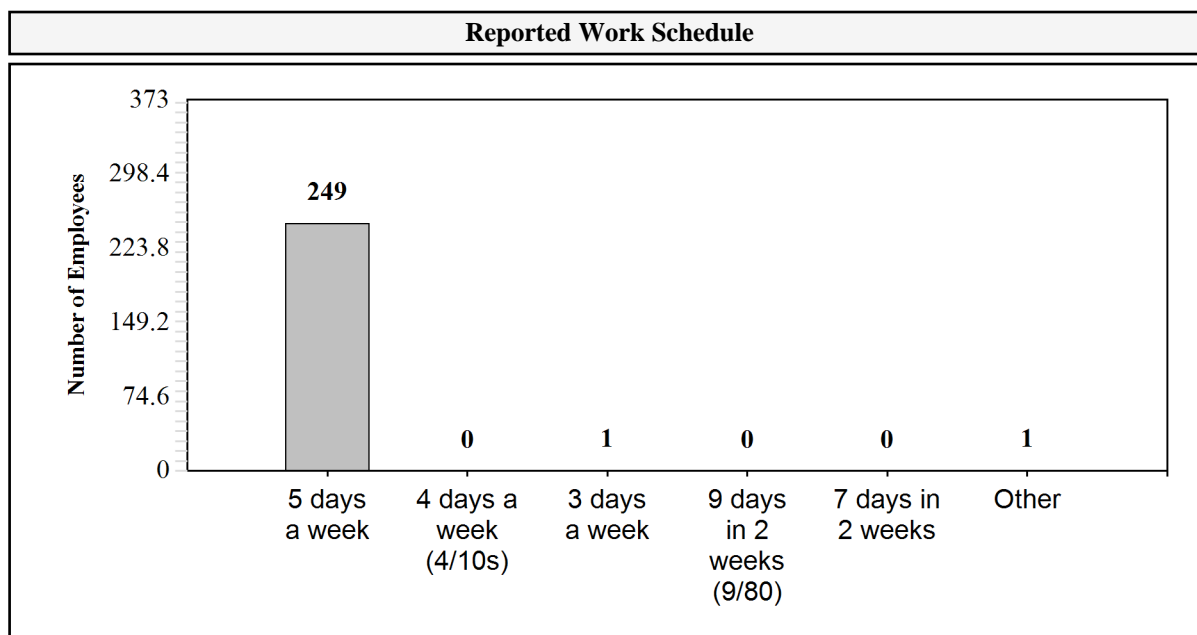
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	64
3	Carpool	0
4	Carpool	1
5	Carpool	1
>5	Carpool	0
<5	Vanpool	4
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

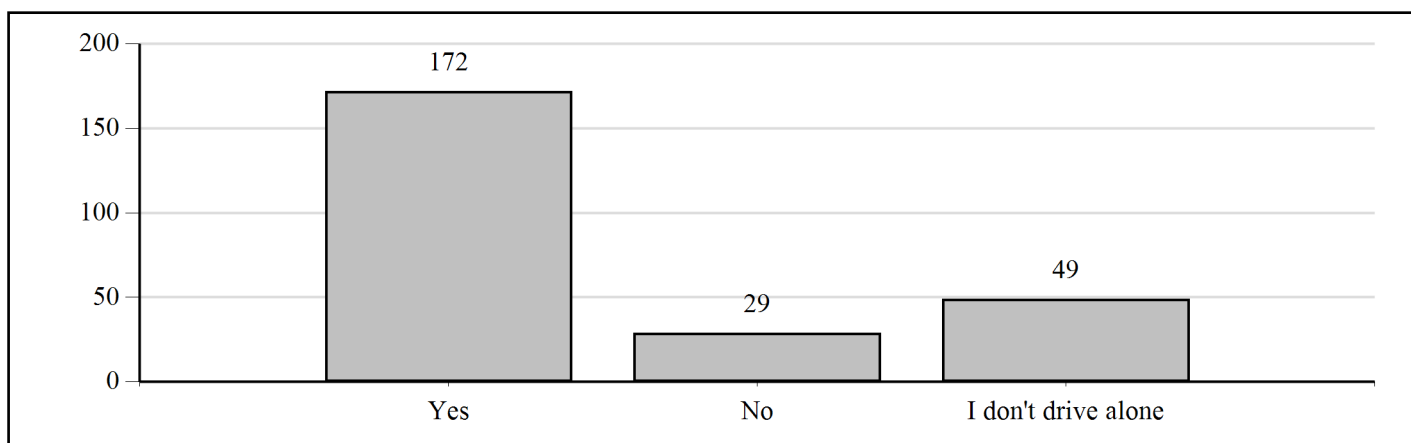
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	249	99.2%
4 days a week (4/10s)	0	0%
3 days a week	1	0.4%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	0.4%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.4%
I don't telework	128	50.6%
Occasionally, on an as-needed basis	101	39.9%
1-2 days/month	17	6.7%
1 day/week	5	2.0%
2 days/week	0	0.0%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	137	22.6%
Cost of parking or lack of parking	118	19.5%
Environmental and community benefits	71	11.7%
To save money	66	10.9%
Personal health or well-being	59	9.7%
Other	36	5.9%
To save time using the HOV lane	35	5.8%
I have the option of teleworking	31	5.1%
Financial incentives for carpooling, bicycling or walking.	24	4.0%
Driving myself is not an option	15	2.5%
Emergency ride home is provided	11	1.8%
I receive a financial incentive for giving up my parking space	2	0.3%
Preferred/reserved carpool/vanpool parking is provided	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	137	26.7%
I like the convenience of having my car	114	22.2%
Family care or similar obligations	104	20.3%
Other	80	15.6%
My job requires me to use my car for work	34	6.6%
Bicycling or walking isn't safe	23	4.5%
My commute distance is too short	21	4.1%
I need more information on alternative modes	0	0.0%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98115	16	6.32%	20	5	0	0	34	16	4	0	0	0	0	0	0
98116	10	3.95%	30	0	0	0	18	0	0	0	0	0	0	0	1
98102	9	3.56%	20	1	0	0	6	18	0	0	0	0	0	0	0
98103	9	3.56%	15	5	0	0	18	0	0	0	2	0	0	0	4
98107	8	3.16%	13	2	0	0	23	0	0	0	1	0	0	0	0
98112	8	3.16%	37	3	0	0	0	0	0	0	0	0	0	0	0
98109	7	2.77%	9	0	0	0	24	0	0	1	1	0	0	0	1
98126	7	2.77%	18	6	0	0	7	0	0	0	0	0	0	0	4
98136	7	2.77%	16	0	0	0	13	0	5	0	1	0	0	0	0
98026	6	2.37%	5	0	0	0	5	20	0	0	0	0	0	0	0
98117	6	2.37%	8	0	0	0	16	0	0	0	1	0	0	0	5
98199	6	2.37%	3	2	0	0	22	0	2	0	0	0	0	0	0
98040	5	1.98%	23	0	0	0	2	0	0	0	0	0	0	0	0
98056	5	1.98%	22	0	0	0	4	0	0	0	0	0	0	0	0
98105	5	1.98%	10	2	0	0	10	1	1	0	1	0	0	0	0
98119	5	1.98%	10	3	0	0	12	0	0	0	0	0	0	0	0
98144	5	1.98%	4	5	0	0	1	11	0	1	0	0	0	1	0
98020	4	1.58%	0	0	0	0	0	20	0	0	0	0	0	0	0
98052	4	1.58%	10	0	0	0	10	0	0	0	0	0	0	0	0
98101	4	1.58%	0	0	0	0	6	4	5	5	0	0	0	0	0
98104	4	1.58%	5	0	0	5	0	0	0	12	0	0	0	0	0
98106	4	1.58%	7	0	0	0	8	0	4	0	1	0	0	0	0
98166	4	1.58%	8	0	0	0	5	5	0	0	0	0	0	0	0
98006	3	1.19%	10	1	0	0	4	0	0	0	0	0	0	0	0
98008	3	1.19%	0	0	0	0	16	0	0	0	0	0	0	0	0
98027	3	1.19%	6	0	0	0	9	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98033	3	1.19%	7	3	0	0	5	0	0	0	0	0	0	0	0
98042	3	1.19%	6	0	0	0	0	9	0	0	0	0	0	0	0
98065	3	1.19%	1	3	4	0	5	0	0	0	0	0	0	0	0
98072	3	1.19%	5	0	0	0	10	0	0	0	0	0	0	0	0
98122	3	1.19%	0	0	0	0	5	6	0	1	2	0	0	0	0
98155	3	1.19%	0	0	0	0	15	0	0	0	0	0	0	0	0
98391	3	1.19%	0	0	0	0	0	15	0	0	0	0	0	0	0
98001	2	0.79%	2	0	0	0	4	4	0	0	0	0	0	0	0
98012	2	0.79%	10	0	0	0	0	0	0	0	0	0	0	0	0
98021	2	0.79%	1	0	0	0	9	0	0	0	0	0	0	0	0
98023	2	0.79%	0	1	0	0	0	9	0	0	0	0	0	0	0
98028	2	0.79%	5	0	0	0	5	0	0	0	0	0	0	0	0
98029	2	0.79%	0	5	0	0	5	0	0	0	0	0	0	0	0
98034	2	0.79%	5	0	0	0	5	0	0	0	0	0	0	0	0
98058	2	0.79%	5	0	0	0	0	5	0	0	0	0	0	0	0
98059	2	0.79%	10	1	0	0	0	0	0	0	0	0	0	0	0
98074	2	0.79%	5	0	0	0	5	0	0	0	0	0	0	0	0
98118	2	0.79%	1	0	0	0	0	9	0	0	0	0	0	0	0
98121	2	0.79%	0	0	0	0	5	0	0	5	0	0	0	0	0
98125	2	0.79%	0	0	0	0	5	5	0	0	0	0	0	0	0
98168	2	0.79%	2	8	0	0	0	0	0	0	0	0	0	0	0
98178	2	0.79%	2	1	0	0	0	6	0	0	0	0	0	0	0
98208	2	0.79%	5	0	0	0	5	0	0	0	0	0	0	0	0
98223	2	0.79%	0	0	0	0	1	8	0	0	0	0	0	0	0
98271	2	0.79%	0	0	0	0	4	3	0	0	0	0	0	0	0
98296	2	0.79%	0	0	0	0	10	0	0	0	0	0	0	0	0
98367	2	0.79%	0	0	0	0	0	0	0	0	0	0	0	10	0
98371	2	0.79%	1	0	0	0	0	9	0	0	0	0	0	0	0
98405	2	0.79%	1	0	0	0	0	9	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98406	2	0.79%	0	0	0	0	5	5	0	0	0	0	0	0	0
98407	2	0.79%	0	0	0	0	0	10	0	0	0	0	0	0	0
	1	0.40%	5	2	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.40%	0	0	0	0	5	0	0	0	0	0	0	0	0
98004	1	0.40%	0	0	0	0	5	0	0	0	0	0	0	0	0
98005	1	0.40%	0	5	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.40%	1	0	0	0	0	4	0	0	0	0	0	0	0
98032	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0
98036	1	0.40%	0	0	0	0	5	0	0	0	0	0	0	0	0
98037	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.40%	0	0	0	0	5	0	0	0	0	0	0	0	0
98057	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0
98070	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.40%	0	0	0	0	5	0	0	0	0	0	0	0	0
98077	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	1	0.40%	0	0	0	0	5	0	0	0	0	0	0	0	0
98092	1	0.40%	2	0	0	0	0	5	0	0	0	0	0	0	0
98110	1	0.40%	0	0	0	0	0	0	0	0	0	0	0	5	0
98133	1	0.40%	5	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.40%	3	2	0	0	0	0	0	0	0	0	0	0	0
98260	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0
98284	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0
98321	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0
98444	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0
98466	1	0.40%	0	0	0	0	0	4	0	0	0	0	0	0	0
98512	1	0.40%	0	0	0	0	0	5	0	0	0	0	0	0	0